Región de Murcia
Consejería de Desarrollo Sostenible
y Ordenación del Territorio
Dirección General del Medio Natural

gvSIG 1.1.1
Cliente de ArcSDE

Manual de usuario (versión 1)

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Realizado por

IVER Tecnologías de la información

(oficinas centrales en Valencia)

C/ Lérida nº 20,

46005 VALENCIA

Telf: 902 25 25 40 - Fax: 96 316 27 16

E-Mail : dac@iver.es

Web: www.iver.es

Encargado por

Consejería de Desarrollo Sostenible y Ordenación del Territorio de la Región de Murcia.

Dirección General del Medio Natural

C/ Catedrático Eugenio Úbeda, nº3, 3ª planta.

30071 MURCIA

Telf: 968 22 89 00 / 01- Fax: 968 22 89 04

Web del proyecto: http://www.gvsig.gva.es

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1 Instalación

La extensión de ArcSDE se instala sobre la versión de gvSIG 1.1. Por tanto debemos contar, en primer lugar, con una instalación de gvSIG en su versión 1.1 en nuestro PC.

A continuación, debemos descargar el fichero de la extensión de ArcSDE de la web de gvSIG (www.gva.gvsig.es) correspondiente al sistema operativo que estemos utilizando y y ejecutarlo.

Nota: El proceso de instalación no encuentra automáticamente el directorio donde se halla instalada la versión correcta de la aplicación, por lo que hay que indicarlo manualmente. Por ejemplo, en el caso del cliente ArcSDE para gvSIG 1.1.1, en Windows XP, el directorio podría ser C:\Archivos de programa\gvSIG_1.1.1

Para acceder a bases de datos ArcSDE es necesario descargarse dos librerías previamente. Para ello hay que seguir los siguientes pasos:

1. Acceder a ***ArcSDE 9.1 General Update Patch 3*** [http://support.esri.com/index.cfm?fa=downloads.patchesServicePacks.viewPatch&PID=19&MetaID=1198/].
2. Según el sistema operativo, continuaremos de la siguiente forma:

   En Windows y Macintosh:

   - Del apartado ***ESRI Products connecting to ArcSDE (Application and Direct Connect connections)*** acceder a ***Windows***.
   - Descargar el fichero ***sde91-genpatch3-esri-win.zip*** y descomprimirlo.
   - Mover los archivos ***jpe91_sdk.jar*** y ***jsde91_sdk.jar*** de la carpeta **lib** del fichero descomprimido a la carpeta: **bin\gvSIG\extensiones\org.gvsig.sde\lib**, que se encuentra en el directorio donde se ha instalado gvSIG.

   En Linux:

   - Del apartado ***ESRI Products connecting to ArcSDE (Application and Direct Connect connections)*** acceder a ***UNIX***.
   - Descargar el fichero ***sde91-genpatch3-esri-lx.tar.Z*** y descomprimirlo.
   - Mover los archivos ***jpe91_sdk.jar*** y ***jsde91_sdk.jar*** de la carpeta **lib** del fichero descomprimido a la carpeta **bin/gvSIG/extensiones/org.gvsig.sde/lib**, que se encuentra en el directorio donde se ha instalado gvSIG.

2 Crear una conexión a BBDD con ArcSDE

2.1 Acceso al Gestor de conexiones a BD espaciales

Elija el menú “Ver / Gestor de conexiones a BD espaciales” para abrir el diálogo que le permitirá añadir, quitar, conectar y desconectar las conexiones a los diferentes tipos de bases de datos con información geográfica:

2.1.1 Crear una nueva conexión mediante ArcSDE

Si ya ha usado el gestor de conexiones en alguna sesión anterior de gvSIG, aparecerán las conexiones que hubiesen quedado. En caso contrario, aparecerá vacío:

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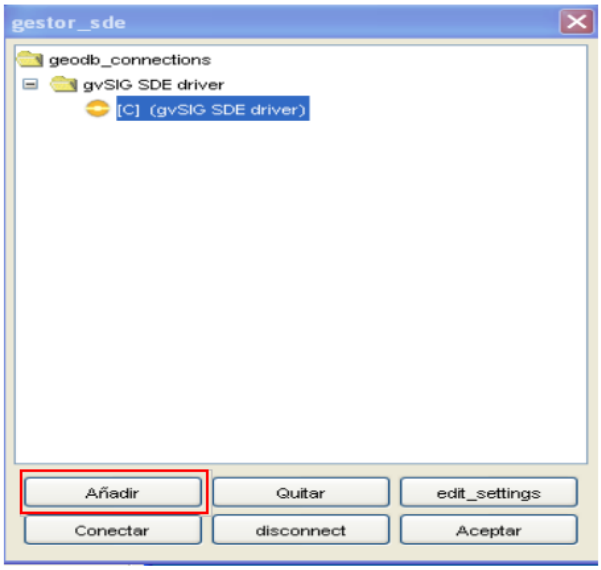
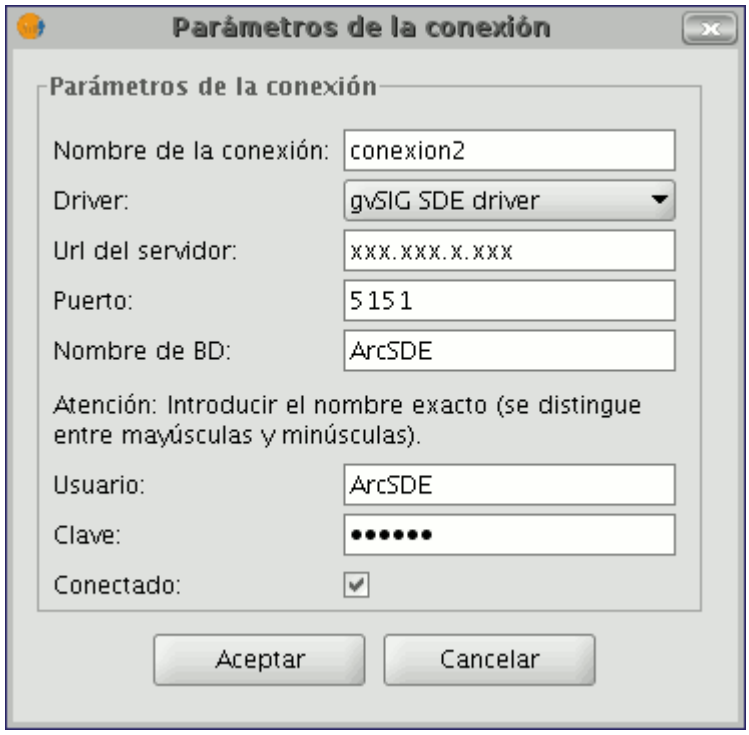


Pulse ”añadir” y aparecerá una ventana que permite introducir los parámetros de una nueva conexión. A continuación rellene los campos con los datos y pulse “Aceptar”.

Nota: En el desplegable de selección de “Driver” seleccione el que corresponde a “gvSIG SDE driver”, tal y como se indica en la imagen.



En el momento en que se valide la conexión, aparecerá de nuevo el “gestor de conexiones” con la nueva base de datos en el listado.

Si en la ventana de parámetros de conexión deja activado el check de “conectado” la conexión aparecerá ya abierta. Las conexiones abiertas aparecen con la letra “[C]” delante de su nombre.

Gestor de conexiones a BD espaciales
Conexiones a BD espaciales
Arcsde Spatial Database Driver
[C] Arcsde Spatial Database Driver
[C] Arcsde Spatial Database Driver

Si quiere desconectar la conexión pulse el botón “desconectar” de la parte de abajo del gestor. La conexión cesará en ese momento , pero los parámetros quedaran registrados para futuras conexiones.

Si quiere abrir una conexión que ya está incluida en la lista por haberla utilizado anteriormente, debe seleccionarla y pulsar “Conectar”. Se le pedirá la contraseña de nuevo en una ventana como la que representa la imagen siguiente y la conexión pasará a estar abierta .

Enter Password
Está intentando conectar a la base de datos cuyos parámetros son [Oracle Spatial Database Driver, spain, 1521, asdb, spatial].
Contraseña?
OK
Cancel

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2.1.2 Añadir una capa ArcSDE a la vista

Una vez hemos establecido la conexión con el servidor, podemos empezar a pedir información al mismo.

Para ello abriremos una vista y pulsaremos el botón de “Añadir capa”

A continuación selecciona la pestaña geoBD:

- En el desplegable puede seleccionar su conexión. El botón situado al lado derecho del desplegable, puede llevarle directamente a la ventana de parámetros de conexión, en el caso de que quiera añadir alguna conexión en otro momento sin tener que pasar por el gestor de conexiones.
- Una vez se establezca la conexión aparecerá un listado con la información disponible y que se puede incorporar a gvSIG.
- Desde esta ventana puede realizar consultas o crear filtros (restricciones SQL) antes de incorporar la información.
- Una vez haya seleccionado la información que desee, pulse “Aceptar” y ésta se cargará en la vista.

Anexos

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Version 2, June 1991

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